

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NO.

203676

522 Rec'd PCT/PTO 31 JAN 2000
097463890

INTERNATIONAL APPLICATION NO. PCT/EP98/04816	INTERNATIONAL FILING DATE 31 July 1998 (31.07.98)	PRIORITY DATE CLAIMED 01 August 1997 (01.08.97)
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TITLE OF INVENTION
RECOMBINANT VECTOR CONTAINING INFECTIOUS, VIRAL GENOME SEQUENCES GREATER THAN 100 KB,
METHOD FOR PRODUCING SAME AND USE FOR THE MUTAGENESIS OF THE VIRAL SEQUENCES

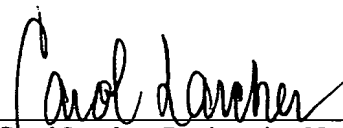
APPLICANT(S) FOR DO/EO/US
KOSZINOWSKI, Ulrich H.; MESSERLE, Martin; BRUNE, Wolfram

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) now rather than delay examination until the expiration of the applicable time limit set forth in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
- ☐ A translation of the amendment to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ A copy or translation of the Amendments made by the Applicant during PCT Chapter II, which are attached as Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 17 below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment. ☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ A verified small entity statement.
17. ☐ Other items or information:

U.S. APPLICATION NO. 097/463890		INTERNATIONAL APPLICATION NO. PCT/IL98/00322		ATTORNEY'S DOCKET NO. 303640	
18. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.45(a)(1)-(5)):					
Search Report has been prepared by the EPO or JPO \$ 840.00				\$840.00	
International preliminary examination fee paid to USPTO \$ 670.00					
No international preliminary examination fee paid to USPTO, but international search fee paid to USPTO \$ 690.00					
Neither international preliminary examination fee nor international search fee paid to USPTO \$ 970.00					
International preliminary examination fee paid to USPTO and all claims satisfied provisions of PCT Article 33(1) to (4) \$ 96.00					
ENTER APPROPRIATE BASIC FEE AMOUNT=				\$840.00	
Surcharge of \$130.00 for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	37 -20=	17	x \$ 18.00	\$306.00	
Independent Claims	1 - 3=	0	x \$ 78.00	\$0	
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)			+\$260.00	\$	
TOTAL OF ABOVE CALCULATIONS=				\$1146.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed.				\$	
SUBTOTAL=				\$1146.00	
Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.				\$0	
TOTAL NATIONAL FEE=				\$1146.00	
Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property +				\$0	
TOTAL FEE ENCLOSED=				\$1146.00	
				Amount to be: refunded	\$
				charged:	\$
<input checked="" type="checkbox"/> A check in the amount of \$1146.00 to cover the above fee is enclosed. <input type="checkbox"/> Please charge Deposit Account No. 12-1216 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)			 Carol Larcher, Registration No. 35,243 One of the Attorneys for Applicant(s)		

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CERTIFICATION UNDER 37 C.F.R. § 1.10

"Express Mail" Label Number: EL190830911US

Date of Deposit: January 31, 2000

I hereby certify that this express request to begin national examination procedures under 35 U.S.C. § 371(f) of the International Patent Application referenced above, including all of the items listed thereon as enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Box PCT, Assistant Commissioner for Patents, Attention: DO/EO/US, Washington, D.C. 20231.

Printed Name of Person Signing: Becky Williams

Becky Williams
Signature